

Goulds Fig. 3360 Multi-Stage single section centrifugal pump for boiler feed and other high pressure pumping services. Capacities to 2250 G. P. M. Heads to 3030 ft.

Get trouble-free high pressure pumping service

If you are looking for high efficiency, low maintenance boiler feed and other pressure pumping services, it will pay you to investigate Goulds Fig. 3360 pumps. Power Engineers like them because they provide:

1. **HYDRAULIC BALANCE**—Single suction impellers are placed back to back in pairs with suction openings opposed to each other. End thrust created by one set of impellers is counter balanced by end thrust of opposite set.
2. **STUFFING BOX PRESSURE RELIEF**—Stuffing boxes at both ends of pump have an inner sealing pressure relief chamber.
3. **MAINTAINED EFFICIENCY**—MINIMUM INTERNAL LEAKAGE—Leakage from high pressure to low pressure side is minimized by long center casing bushing with liner.
4. **ASSURED ALIGNMENT**—Bearing housings are cast as integral part of lower half casing. Double tongue and groove locks prevent rotation of rings and bushings.
5. **EASY ACCESSIBILITY**—Removal of top half casing permits easy removal of rotating element without disturbing piping connections.
6. **INTERCHANGEABILITY OF PARTS**—Close machining and rigid inspection guarantee interchangeability of parts. Save on inventory and down time.

For detailed description, specifications and dimensions, contact your nearby Goulds representative or write for Bulletin 723.5.



Goulds PUMPS INC.
Schenectady, New York



My Biggest Boner

► ONE OF MY FIRST JOBS was hand firing boilers in a local tile mill. The first day, after being shown around the plant, I started to shovel coal energetically. It wasn't long before I was sweating and looking for the drinking water. Though I'd seen the previous fireman go into the next room to a cooler there seemed little wisdom in going so far when there was a hose and water right near the boilers.

So every now and then I took a drink from the hose. By the end of the shift my stomach had begun to ache and I felt quite sick. Next day I went through the same routine with the same results.

It wasn't until the third day that the Chief, passing the boiler room and seeing me drink from the hose, let out a yell. He told me the water coming from the hose was pumped from a nearby canal and used only to wet down ashes or wash the floor.

I spit it out in a hurry and ever since then have been doubly cautious to see that my men have a good supply of drinking water placed where it is easy to see and reach at all times.

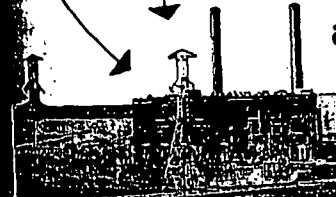
D R TESSIER
Indian Orchard, Mass.

• What is your "biggest boner"? We'll pay ten dollars for each one we publish.

An Industry Advisory Committee on equipment cooling systems has been formed to assist the Air Force in overcoming the problem of extremely high temperatures encountered by supersonic aircraft and missiles. Immediately beyond the speed of sound lies a temperature barrier created by aerodynamic heating. The aircraft temperature rises from 230° at 1000 mph to 600° at 2000 mph despite low air temperatures.



Installations in Central Power Stations assure Absolute Dependability



FOR almost half a century Navco has specialized in the fabrication and erection of Piping Systems for the highest operating conditions.

The "first" base load Central Station Piping System operating at 1350 lbs. and 900° (back in '30)—the "first" carbon moly to be used in a complete Steam System of Central Station Piping—one of the "first" field x-rayed systems of Steam Piping and one of the "first" Piping jobs to serve a 1,000,000 lb. per hour boiler are among some of the many Navco installations.

Consult Navco for your next Piping job.

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